

Claims PTO

USSN 10/757,832

Complete listing of marked-up claims as amended by the **supplemental examiner's amendment**.

1-35. (cancelled)

36. (currently amended) A method for determining whether a mouse has been is infected with murine norovirus-1 (MNV-1), the method comprising determining presence, absence or quantity of antibody against MNV-1 in a fluid or tissue sample of a mouse, whereby presence in the sample of antibody against MNV-1 indicates that the mouse has been infected with MNV-1, by:

a) contacting the fluid or tissue sample with at least one MNV-1 polypeptide; and

b) detecting binding of the at least one MNV-1 polypeptide to antibody against MNV-1 if present in the sample, wherein the antibody binds to MNV-1 deposited as American Type Culture Collection (ATCC) Deposit No. PTA-5935 or to a polypeptide encoded by the genome of the deposited MNV-1.

37-63. (cancelled)

64. (currently amended) A method in accordance with claim ~~63~~ 36, wherein detecting binding comprises detecting MNV-1 antibody bound to the at least one MNV-1 polypeptide with a labeled antibody that detects presence of mouse antibody.

65. (currently amended) A method in accordance with claim ~~63~~ 36, wherein the at least one MNV-1 polypeptide is immobilized on a solid immunosorbent surface.

66. (previously presented) A method in accordance with claim 65, wherein the solid immunosorbent surface is an ELISA plate.

67. (cancelled)

68. (currently amended) A method in accordance with claim ~~63~~ 36, wherein the fluid or tissue sample of the mouse is a serum sample of the mouse.

69. (currently amended) A method in accordance with claim ~~63~~ 36, wherein the at least one MNV-1 polypeptide comprises at least 20 contiguous amino acids.

70. (currently amended) A method in accordance with claim ~~63~~ 36, wherein the at least one MNV-1 polypeptide is an MNV-1 capsid protein.

71-73. (canceled)